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## Weekly Report / MEI Honghui

5.8-5.14

### Prescriptive Visual Analytics

See PPT.

### ChinaVis Survey

**title:** The Design Space of Construction Tools for Information Visualization: A Survey

**abstract:**

Information visualization has been widely used to convey and communicate information inside data.

There are enormous needs of efficient visualization design and authoring for users from diverse fields to leverage the power of data.

As a result, emerging construction tools for information visualization focus on providing solutions with respect to different aspects including expressiveness, accessibility, and efficiency.

In this paper, we review existing works on declarative specifications and user interfaces for visualization construction.

By summarizing their methods provided for producing information visualizations and efforts on improving usability, we express the design patterns in terms of a design space describing such tools in several different aspects.

We discuss how this design space can be applied to support further exploration of potential research topics in the future.

### Group Meeting

**paper:** Sketching Designs Using the Five Design-Sheet Methodology

see PPT.